



City of San José
Department of Transportation

REQUEST FOR INTEREST (RFI)

AUTOMATED TRANSIT NETWORK DEMONSTRATION PROJECT

RFI Release Date:
September 5, 2008

Deadline for Submittals:
November 4, 2008

Executive Summary
Automated Transit Network Demonstration Project
Request for Information (RFI)

Introduction: The City of San José seeks information from companies/organizations interested in partnering with the City to demonstrate and test the viability of an automated transit network at the Norman Y. Mineta San José International Airport.

Background: The City is interested in testing the viability of an automated transit network to improve links between public transit hubs and areas of housing, employment, and entertainment. The City seeks to accomplish this in an environmentally sustainable manner to reduce traffic congestion as well as avoid the worst impacts of climate change.

Scope of Project: Specifically, the City is seeking information on an Automated Transit Network Demonstration Project that would--at a minimum--connect the Airport with the Santa Clara Caltrain/BART station or the VTA Light Rail System. The response to this RFI could include connections to both transit stations as well as adjoining business and recreational facilities.

Submittal Requirements: Please submit a cover letter, summary of capabilities, all pertinent information regarding an automated transit network consistent with the above description in the "Scope of Project, and a list of client references. See Section 4 for more details.

Time for Submittals: The City is requesting the response be provided by **Tuesday, November 18, 2008 at 5:00pm Pacific Standard Time DST**

Submission Details: Submittals shall be received via fax, email, mail or courier at:

Laura Stuchinsky
City of San José
Department of Transportation
200 E. Santa Clara Street, Tower 8th Floor
San José, CA 95113
Phone: (408) 975-3226
Fax: (408) 292-6092
Laura.Stuchinsky@sanjoseca.gov

**Request for Interest:
Automated Transit Network Demonstration Project**

1. BACKGROUND

- 1.1. The City of San José, known as the “Capital of Silicon Valley,” is the third largest City in the State of California with an estimated population of 989,500 and is the tenth largest city in the United States.
- 1.2. San José is home to the largest concentration of technology expertise in the world—more than 6,600 technology companies employing more than 254,000 people. San José is also home to the largest concentration of patent holders in the United States and its exchanges of intellectual property contribute to the City’s status as a part of a federal International Trade Zone.
- 1.3. Despite its size, San José remains a neighborhood-oriented city united by a growing downtown core. San José’s population and workforce are exceedingly diverse. Its residents speak more than 56 different languages, the three most common being English, Spanish and Vietnamese.
- 1.4. The City is committed to supporting the growth of technological innovation, advancing training and retraining opportunities for area residents to meet the needs of emerging industries, and employing technology to maximize its service quality while minimizing its cost.
- 1.5. The City has and continues to foster higher-density development in its downtown and near major transit nodes throughout the city to maximize transit ridership and provide more housing options for its rapidly growing population.
- 1.6. The City supports a wide range of transit services including light rail, commuter rail, bus rapid transit, buses and shuttles. The City is also working with a number of other stakeholders to build a six-station extension of the existing Bay Area Rapid Transit line (BART). This 14.7 mile extension would run from the City of Fremont, through the cities of Milpitas and San José and end at the City of Santa Clara, just west of the Airport.
- 1.7. Environmental stewardship is a top priority of the City. In 2005, the City of San José adopted the goal of becoming a Global Sustainable City and meeting the standards of the U.N. Urban Environmental Accords. On October 5, 2007, the City adopted the San José Green Vision which sets forth a strategy to reduce the City’s carbon footprint by more than half

within fifteen years. (The entire Green Vision may be found at in Exhibit A and at www.sanJoseca.gov/pdf/SanJoseGreenVision.pdf).

- 1.8. There are three components of the Green Vision: Green Mobility, Clean Tech Innovation, and Environmental Sustainability. The intent of the Green Vision is to address the global climate and energy crises, improve the City's environment and quality of life, and promote economic development specifically by facilitating the continued expansion of clean and green tech businesses in San José.
- 1.9. In the Bay Area, transportation accounts for 50% of all greenhouse gas emissions. One way to reduce emissions and advance the City's Green Vision is to encourage the use of public transit. According to the 2000 census, 3.6% of residents in the San Jose metropolitan area commute by public transit.
- 1.10. High gas prices are prompting increasing numbers of motorists to park their cars and make use of other less expensive and more environmentally sustainable means of transport. Expanding and improving the city's transit system would enhance that trend, particularly if the improvement offered greater flexibility to riders and could be built and operated at relatively low cost.

2. DEMONSTRATION PROJECT

- 2.1. Traffic congestion is a major growth constraint for the City and the Silicon Valley at large. There is a tremendous need for transit innovation to better serve current and potential transit riders in a cost effective manner. A handful of companies around the world have been developing innovative transit solutions. The City would like to serve as a catalyst to help realize that potential.
- 2.2. The purpose of this Request for Interest (RFI) is to identify entities that might be interested in partnering with the City to demonstrate the feasibility and efficacy of an automated transit network.
- 2.3. Subject to applicable law and existing rights and obligations at the Airport, the City is prepared to offer access to City land, facilities, equipment, right-of-way, and/or City data as well as staff support to help further an Automated Transit Network Demonstration Project. Depending upon how the project and partnership are structured, the City could also contribute financially, accept a different risk allocation than it would normally require on a capital improvement project, or potentially provide exemptions to City policies.

- 2.4. The initial transit network would, at a minimum, need to connect the Airport with the Santa Clara Caltrain/BART station or the VTA Light Rail System and could potentially connect the Airport with both transit stations as well as adjoining business and recreational facilities. This area is approximately 2.5 miles from downtown San José (see attached map).
 - 2.4.1. The transit network would need to allow users to move in a non-linear fashion between those points, allowing patrons to skip stations to go directly to their destination.
 - 2.4.2. The Airport has made provisions for a 60 foot wide tunnel under the Airport property as one potential route between the BART station and the Airport terminals. The City is open to exploring at- or above-grade transit networks as well.
- 2.5. The transit network would need to be robust enough to handle peak commute traffic flowing from a regional transit hub or patrons heading to a major sporting event, while retaining sufficient speed and flexibility to provide service competitive with automobiles.

3. PURPOSE OF RFI/IMPLEMENTATION OF DEMONSTRATION PROJECT

- 3.1. The City will not award a contract to any company or organization based solely on its response to this RFI. Rather, the City intends to use the information received in response to this RFI to evaluate the potential for the future implementation of an Automated Transit Network Demonstration Project at the Airport.
- 3.2. In the event that the City determines, in its sole discretion, that bidding or some competitive selection process is needed to implement the Automated Transit Network Demonstration Project at the Airport, the City reserves the right to use any information submitted in response to this RFI in the City's bid documents or Project specifications. The City also reserves the right to use any information submitted in response to this RFI to further discuss the implementation of an Automated Transit Network Demonstration Project with any company or organization. Notwithstanding anything to the contrary in this Section 3.2, the City's right to use information obtained from an RFI is subject to Section 9 below.

4. REQUESTED INFORMATION

- 4.1. The city seeks the following general information from interested parties:
 - Proposed concept
 - Proposed duration of pilot
 - Scope of the system
 - Technology utilized

- Estimate of capital construction costs to build the system
- Estimate of operating and maintenance costs for the system
- Financing options
- Definition of the roles and relationship between the proposer, other partners, and the City.
- Implementation plan and schedule.

4.2. In addition to the aforementioned, the City is also interested in systems that will be powered in part, or ideally entirely by renewable energy, whether the project could generate local job opportunities, and the extent to which the system could utilize technological innovations to better integrate transportation services and improve the user experience, such as real time information on connecting flights and transit services.

4.3. Cost to the City will be a major determinant in the City's decision whether to move forward with any demonstration project.

5. RESPONSE INFORMATION

5.1 Who May Respond

Responses from any company or organization, such as a university, institution or partnership of same with the ability to build, operate and maintain such a system are welcome.

5.2 Cover Letter

Cover letters should include a brief description and background on your company/organization and partners (if relevant), key principals, their credentials, and all contact information including contact name, address, phone number and e-mail address.

5.3 Capabilities

Provide a brief summary of your firm's capabilities and experience that may be relevant to the information requested.

5.4 Client reference

Include a list of clients or references where your system has been implemented or relevant comparable experience.

6. CONTACT INFORMATION

Please submit questions and responses via fax, email, regular mail, or courier to:

Laura Stuchinsky
 City of San José
 Department of Transportation
 200 E. Santa Clara Street, Tower 8th Floor

San José, CA 95113
Phone: (408) 975-3226
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Companies responding to this RFI shall designate a single contact within that company for receipt of all subsequent information regarding this RFI and the forthcoming processes. The name of this contact will be made available to all City of San José staff.

7. RFI TIMELINE

Date	Event
September 5, 2008	RFI Released
October 7, 2008	Deadline for Questions
October 31, 2008	City Responds to Questions
November 18, 2008	Responses Due

8. GENERAL INFORMATION

- 8.1 The Airport is owned and operated by the City. General information regarding the Airport may be found at www.sjc.org.
- 8.2 The City of San José will not reimburse for any costs you may incur in responding to this RFI.

9. PUBLIC NATURE OF PROPOSED MATERIAL

- 9.1 All correspondence with the City including responses to this RFI will become the exclusive property of the City and will become public records under the California Public Records Act (Cal. Government Code section 6250 et seq.) All documents that you send to the City will be subject to disclosure if requested by a member of the public. There are a very limited number of narrow exceptions to this disclosure requirement.

- 9.2 Therefore, any Proposal which contains language purporting to render all or significant portions of their proposal "Confidential", "Trade Secret" or "Proprietary", or fails to provide the exemption information required as described below will be considered a public record in its entirety subject to the procedures in Section 9.5.
- 9.3 Do not mark your entire Proposal as "Confidential".
- 9.4 If you believe that there are portion(s) of your proposal which are exempt from disclosure under the Public Records Act, you must mark it as such and state the specific provision in the Public Records Act which provides the exemption as well as the factual basis for claiming the exemption. For example, if you submit trade secret information, you must plainly mark the information as "Trade Secret" and refer to the appropriate section of the Public Records Act which provides the exemption as well as the factual basis for claiming the exemption.
- 9.5 Although the California Public Records Act recognizes that certain confidential trade secret information may be protected from disclosure, the City of San Jose may not be in a position to establish that the information that a Proposer submits is a trade secret. If a request is made for information marked "Confidential", "Trade Secret" or "Proprietary", the City will provide Proposers who submitted the information with reasonable notice to seek protection from disclosure by a court of competent jurisdiction.

EXHIBIT A

The City of San José Green Vision is available at the following link:

www.sanJoseca.gov/pdf/SanJoseGreenVision.pdf

Green Vision Goals

Within 15 years, the City of San José, in tandem with its residents and businesses will:

- Create 25,000 Clean Tech jobs as the World Center of Clean Tech Innovation
- Reduce per capita energy use by 50 percent
- Receive 100 percent of our electrical power from clean renewable sources
- Build or retrofit 50 million square feet of green buildings
- Divert 100 percent of the waste from our landfill and convert waste to energy
- Recycle or beneficially reuse 100 percent of our wastewater (100 million gallons per day)
- Adopt a General Plan with measurable standards for sustainable development
- Ensure that 100 percent of public fleet vehicles run on alternative fuels
- Plant 100,000 new trees and replace 100 percent of our streetlights with smart, zero-emission lighting
- Create 100 miles of interconnected trails